

Head Cleaner Spray (440-1113)

Faxback Doc. # 2985

TECH SPRAY, INC.
P O BOX 949
88 NORTH HUGHES
AMARILLO TX 79105
(806) 372-8523

MATERIAL SAFETY DATA SHEET RS 44-1113

Professional Tape Head Cleaner

Hazardous Description: (For Shipping Purposes Only)
Compressed Gas N.O.S. Non-Flammable Gas UN1956

Hazard Rating Health: 2 Fire: 2 Reactivity: 1
0-Least 1-Slight 2-Moderate 3-High 4-Extreme

* * * * * I--HAZARDOUS COMPONENTS * * * * *

Ingredients	CAS No.	%	Hazard
Dichlorofluoroethane (141b)	1717-00-6	65	See Section IX.
Ethanol (Ethyl Alcohol)	64-17-5	35	OSHA PEL 1000ppm ACGIH TLV 1000ppm

* * * * * II--PHYSICAL DATA * * * * *

Boiling Point 35 degrees C/ F pH NA
Density 1.04 % Volatile 100
Solubility in Water NE % Solids 0
Vapor Density (Air=1) .. 4.0 Evaporation Rate (H2O=1) .. >1
Appearance: Clear water--white mobile liquid with slight ethereal odor.

* * * * * III--FIRE AND EXPLOSION HAZARD DATA * * * * *

Flash Point: None to Boiling. See IX. Explosion Limits
LEL: NE UEL: NE
Extinguishing Media: Water, foam, dry chemical, carbon dioxide.
Special Firefighting Procedures:
Firefighters should wear self-contained, positive-pressure breathing apparatus and avoid contact with fumes which could contain hydrochloric and hydrofluoric acid.

Unusual Fire and Explosion Hazards:
None

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* * * * * IV--HEALTH HAZARD DATA * * * * *

Effects of Overexposure

INHALATION: Major route of exposure. Vapor is heavier than air and can cause suffocation by reducing the available oxygen for breathing. Inhaling high concentrations of vapor could cause light-headedness, giddiness, shortness of breath, and/or confusion, and may lead to narcosis, cardiac irregularities, unconsciousness or even death.

EYES: Liquid contact will irritate eyes and may cause conjunctivitis.

SKIN: Not a corrosive or an irritant; however, repeated or prolonged exposure can cause defatting of skin.

INGESTION: Single-dose toxicity is low to moderate. If vomiting does occur, the liquid can be aspirated into the lungs, which can cause chemical pneumonia and systemic effects. Human psychotropic, gastrointestinal, and central nervous system effects are possible.

Emergency and First Aid Procedures

INHALATION: Remove to fresh air. If breathing has stopped, administer artificial respiration. Seek medical attention.

EYES: Flush eyes with water 15 minutes. Lift eyelids occasionally until no evidence of chemical is present. Call physician.

SKIN: Wash promptly with soap and water for 15 minutes while removing contaminated clothing. Get medical attention immediately. Wash clothing before reuse.

INGESTION: If conscious, give 2-4 glasses of water and induce vomiting, or remove chemical by gastric lavage. Seek medical attention immediately. Never give anything by mouth to an unconscious person.

NOTE: Do NOT treat victim with adrenalin. Overexposure, especially if accompanied with anoxia, may cause cardiac irritability and respiratory distress. Maintain oxygenation until recovery.

COMMENTS: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage (sometimes called painters' syndrome).

Intentional misuse by concentrating and inhaling this product may be harmful or fatal.

Stability:	STABLE	Conditions to Avoid:	Contact with open flame, heat.
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Incompatibility (materials to avoid):

Reactive alkali metals, strong acids & bases.

Hazardous Decomposition Products:

Hydrogen chloride, phosgene, chlorine, carbon dioxide, and carbon monoxide.

Hazardous Polymerization: WILL NOT OCCUR

Conditions to Avoid: None

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* * * * * VI--SPILL OR LEAK PROCEDURES * * * * *

Evacuate area. Ventilate area well and avoid breathing vapors. Vapor concentration will be highest along the floor and in low lying areas. Pick up liquid on a suitable absorbant and store in sealed containers. Shut off any fire sources. Workers should wear proper equipment when working in a clean up area.

* * * * * VII--WASTE DISPOSAL METHODS * * * * *

Material may be disposed of by a licensed reclaimer or incineration facility. Consult local, state, and federal disposal authorities for approved procedures.

* * * * * VIII--EMPLOYEE PROTECTION * * * * *

Respiratory Protection:

Use NIOSH-approved organic vapor mask when vapor levels exceed TLV.

Ventilation: Do not use in closed space. Ventilation required.

Hands: Solvent-resistant gloves such as Neoprene or PVA.

Eyes: Wear splash-proof safety goggles or glasses.

Special Precautions:

This product is intended for industrial use only.

* * * * * IX--OTHER INFORMATION * * * * *

Note: Toxicity studies have not been completed on chlorodifluoroethane (141b). Thus, no TLV can be established. A working TLV of 350ppm can be used until the tests are completed.

Flash Point Data: The material exhibited a flash point at 35 degrees C
after approximately 10% of material had evaporated.

NOTE:

Prepared By: J. Witcher Date: 07-11-91
NL=Not Listed NIF=No Information Found NE=Not Established
NA=Not Applicable

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